

#3



0173.210us-SEQUENCE LISTING.txt

SEQUENCE LISTING

<110> ~~McBryde, Kevin~~
McBryde, Kevin

<120> Strawberry Vein Banding Virus Promoter
(SVBV) Promoter

<130> 0173.210us

<140> 10/020,540

<141> 2001-10-30

<150> 60/245,354

<151> 2000-11-01

<160> 10

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 476

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 1

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gaaaagacag caagacaatg gtgtctcgat gcaccagaac cacatctttg cagcagatgt 180
gaagcagcca gagtgggtcca caagacgcac tcagaaaagg catcttctac cgacacagaa 240
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gctttaataa ttatgtttca ttattattct ctgcttttgc tccttatata aagagcttgt 420
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<210> 2

<211> 518

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 2

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taatcaagga gaaagaatta ataactcttt cagaatatga agcccgttt acaagtggcc 120
agctagctat cactgaaaag acagcaagac aatgggtgtc cgatgcacca gaaccacatc 180
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ctagctccac tttagcttta ataattatgt ttattattta ttctctgctt ttgctctcta 420
tataaagagc ttgtattttc atttgaaggc agaggcgaac acacacacag aacctccctg 480
cttacaacc ggatcgggct gcaggctctt aacctggg 518

<210> 3

<211> 651

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 3

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cgactcaga aaaggcatct tctaccgaca cagaaaaaga caaccacagc tcattcatcca 180
acatgtagac tgtcggttatg cgtcggctga agataagact gaccccaggc cagcactaaa 240
gaagaaataa tgcaagtggc cctagctcca ctttagcgct agctatcact gaaaagacag 300

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gagtgggtcca caagacgcac tcagaaaagg catcttctac cgacacagaa aaagacaacc 420
acagctcatc atccaacatg tagactgtcg ttatgctgctg gctgaagata agactgaccc 480
caggccagca ctaaagaaga aataatgcaa gtggctcctag ctccacttta gctttaataa 540
ttatgtttca ttattattct ctgcttttgc tctctatata aagagcttgt attttcattt 600
gaaggcagag gcgaacacac acacagaacc tccctgctta caaacggat c 651

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<210> 4

<211> 701

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 4

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gcactcagaa aaggcatctt ctaccgacac agaaaaagac aaccacagct catcatccaa 180
catgtagact gtcgttatgc gtcggctgaa gataagactg accccaggcc agcactaaag 240
aagaaataat gcaagtggtc ctagctccac tttagcttta ataattatgt ttcattatta 300
ttctctgctt ttgctctcgc tagctatcac tgaaaagaca gcaagacaat ggtgtctcga 360
tgcaccagaa ccacatcttt gcagcagatg tgaagcagcc agagtgggtcc acaagacgca 420
ctcagaaaag gcacatctta ccgacacaga aaaagacaac cacagctcat catccaacat 480
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aaataatgca agtggtccta gctccacttt agctttaata attatgtttc attattattc 600
tctgcttttg ctctctatat aaagagcttg tatttttcatt tgaaggcaga ggcgaacaca 660
cacacagaac ctccctgctt acaaacggga tcgggctgca g 701

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<210> 5

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 5

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<210> 6

<211> 64

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

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<210> 7

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 7

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<213> Artificial Sequence

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<223> Primer

<400> 8

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40

<210> 9

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 9

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22

<210> 10

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 10

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28